

WPANT30045-RA

800 MHz Cellular-band Unipolarized Directional Antenna



Description / Application

This is a Unipolarized directional antenna that operates in the 800 MHz Cellular band. It comes with a Type-N female connector. The antenna is at DC ground to ensure protection against lightning.

We can assist your engineers to optimize mounting positions for these antennas in your specific application and can further customize the antennas for your specific needs. Please contact sales@worldproducts.com with your specific application requirements.

Electrical Properties

Operating Frequency	824 – 896 MHz
Approximate Antenna Impedance [Ω]	50 Ω
VSWR – Typical	< 2:1
Peak Gain [dBi] (Typical)	16 dBi
Polarization	Vertical
Pattern	Directional (25 dB front-to-back ratio)
Accepted Power [W] (Max)	500 Watts
Lightning Protection	DC ground

Mechanical / Environmental Properties

Antenna Dimensions	50" X 11.3" X 5.2" (1270mm X 287mm X 132mm)
Antenna Color	Grey
Connector	Type-N Female
Antenna Radome	Plastic or FRP
Operating / Storage Temperature	-40°C to +90°C
Environmental	Meets standards for UL 94V-0
Hazardous Materials	RoHS Compliant

Pictures of the Antenna

